

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 08264420  
PUBLICATION DATE : 11-10-96

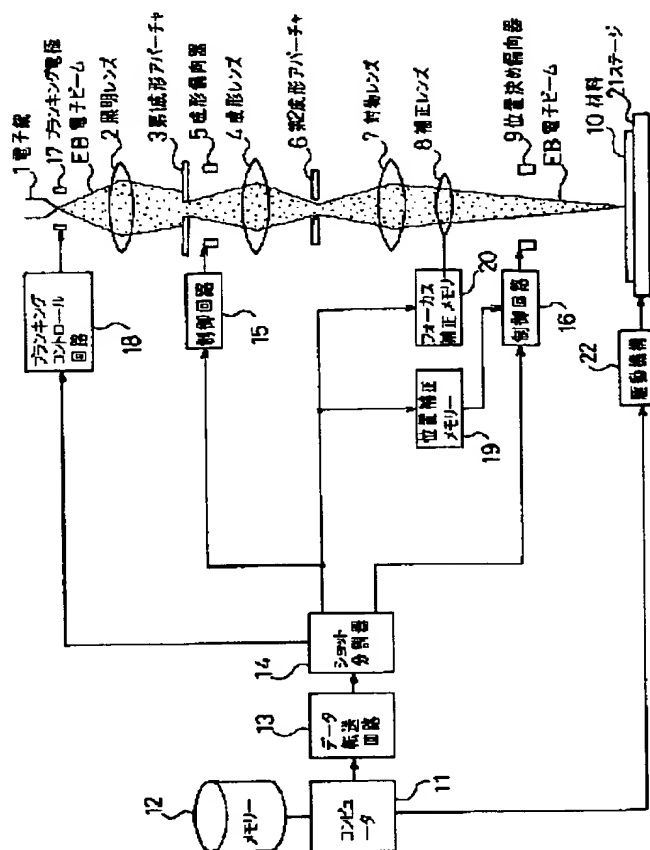
APPLICATION DATE : 24-03-95  
APPLICATION NUMBER : 07065934

APPLICANT : JEOL LTD;

INVENTOR : KOMAGATA TADASHI;

INT.CL. : H01L 21/027

TITLE : CHARGED PARTICLE BEAM DRAWING  
DEVICE



ABSTRACT : PURPOSE: To provide a charged particle beam drawing device wherein the influence of beam fuzziness due to variation in beam size is greatly reduced, in variable-area type charged particle beam drawing.

CONSTITUTION: A focus correction table is contained in a focus correction memory 20, and in this table, correction values of the focus corresponding to beam sizes in X and Y directions are stored. So the focus correction memory 20 reads the correction values corresponding to the beam sizes in X and Y directions out of a shot division device 14, and supplies the correction signal corresponding to the correction value to a focus correction lens 8. As a result, a material 10 is always irradiated with the electron beam that is in focus, regardless of beam size.

COPYRIGHT: (C)1996,JPO